

APPENDIX 4: INGREDIENTS FOR THE CURRICULUM OF THE FUTURE ⁵⁹

Computer Technology

- ▼ Telecommunications/Networking
- ▼ Artificial Intelligence and Expert Systems
- ▼ Computer Hardware/Software (Database Management Systems, Spreadsheets; Searching)
- ▼ Access to Virtual Data in an Integrated Environment
- ▼ Medical Informatics
- ▼ Linguistics

Provision of Information Services

- ▼ Information Sources and Retrieval in Health Sciences (Print and Computer-Based; Search and Retrieval Skills of Multiple Systems)
- ▼ Database Design and Construction- Thesaurus
- ▼ Document Architecture and Delivery
- ▼ Information Structure, Transfer and Processing
- ▼ Information Systems Design and Use
- ▼ Teaching End Users Educational Technology/Problem-Based Learning
- ▼ Communication Skills
- ▼ Information Seeking Behavior

Organization/Management

- ▼ The Business of Medical Libraries- Planning, Budgeting, Etc.
- ▼ Management and Human Resource Skills
- ▼ Project Management
- ▼ Marketing and Public Relations
- ▼ Managing Change/Change Agent
- ▼ Supervisory Skills
- ▼ Oral and Written Communications
- ▼ Intangible Personal Attributes

Research Skills

- ▼ Research Capabilities
- ▼ Research Methods
- ▼ Quantitative Methods for Decision-Making and Analysis

Medical/Health Care Environment

- ▼ Ethics and Legal Aspects
- ▼ Health Care Policy and Practice
- ▼ Understanding of Biomedical Research
- ▼ Role of Information in Society and Health
- ▼ Organization of Health Care
- ▼ History of Science and Medicine
- ▼ General Survey of Medicine and Medical Science
- ▼ Administrative, Economic, Social Functions of Institutional Settings

Requirements

- ▼ Ph.D. Terminal Degree
- ▼ Coursework in Research Methods
- ▼ Thesis Requirement
- ▼ Required Concentrations in Other Disciplines:
 - Health Sciences
 - Technology
 - Management Science
- ▼ Practicum